

Previous references

190/3-14

File No 194-13

Serial Nos 6217

Later references

G-44-13(8)
Edn 17-16 Sl 42
L7 and 62
Edn 123-19-38
Edn 102-21 Sl 12, 23, 25, 27, 28

GENERAL AND REVENUE SECRETARIAT

San 96 23 (46)
" 63-26 (2130)

Serial Nos 6217

Part B for

July 14

SUBJECT

Add charges in connection with the Budget Estimates of the Muck Inf School, Blnr, for 1914-15 involving extra running charges amounting to Rs 6852 & non running charges of Rs 51,000

at 6 From the D G of En No 12897-664 & 21314
Submits proposals in the matter

17 To the D G of En, Compt. Secy, DOW., Ch Inf, Rys
& L. Secy Enfr
No 50-5- En 194-13 & 2714

G R S 58 Sanctions the provision of Rs 6852 as running & Rs 51,000 as non running charges in the budget for 1914-15 for the equipment of the Muck Inf School

Edn 102-21
28/11/14

GENERAL AND REVENUE SECRETARIAT

(Edu)

NOTES

Edu File No 19413

FILE HEADING

Additional charges for the Mechanical Engineering school for 1914-15

From

The J. G. of Education in Mysore

No 12897/664

Dated 21 3 / 14

Received 13 4 / 14

Diary No 583

Enclos 2

Spare Copies ml

Serial No 6

BRIEF ABSTRACT OF LETTER

Submits proposals for additional charges in connection with the budget estimates of the Mechanical Engineering School Bangalore for the year 1914-15 involving extra recurring charges amounting to Rs 6852 p annum and non recurring charges of Rs 5000 of which Rs 2600 to be provided in the Edu Budget and Rs 2400 for building in the D & W Budget.

NOTES AND ORDERS

Two new classes viz the Industrial teachers class and the Railway class, as also a Telegraphic Signaller's class for 3 to 6 months are proposed to be opened necessitating extra cost in Teaching Staff and establishment; purchase of instruments &c and small increase

NOTES—First Sheet

Serial
No

increase in ^{the} pay of certain establishment is
also recommended

(2) The additional cost involved is
as below—

Recurring

p annum

1) Teaching Staff Rs 2500

2) Establishment Rs 552

3) Workshop expenses 3600

4) T Allowance 200

Total Rs 6852 a year.

Non recurring

Rs 50000 for equipment and extension of the
workshop building

Rs 1000 for purchase of instruments

* Rs 51000 to the Signaller's class

* out of the Rs 51000 a sum of Rs 25000
required for the building is proposed to be
provided in the O & M Budget and the
balance of Rs 26000 provided in the Edu
budget for 1914-15

Subj for orders with G.O. dated 15/3 re
G.O. 15/14 scheme for opening Industrial and
Technical Schools

(1) [The framing of men in sig-
nalling and Ry Rules, including
Station duties, is properly the

Two ^{new} teachers at Rs 500/15 p m
for the Industrial Teachers
class and Railway class
= Rs 125 p m or 1500 p year
for Telegraphic - 1000 - do
instructors } Rs 2500

Flag V

General and Revenue
Secretariat

En File No 194 of 1913

Serial
No

function of a Railway Dept
The class is under the control of
a District Traffic Officer on other
Ry lines - It is therefore a point
for consideration wher the Supt
and the Traffic Inspector of the
Bowingpat - Kolar line should and
be asked to undertake the
training of local men - This,
it is understood, is one of the
conditions of the appointment of
the Supt of the Kolar Ry]

B-5 -

57(5) Submitted for order

Lee⁷
ETAAm
1875

(6) The provision asked for may be
made -

Bv II preliminary)

est
1875/4
AmSub²

(7) The recurring and non-recurring grants
provided for in the Triennial Forecast
have been completely exhausted by the
schemes which have been rapidly pouring
in. The recurring charge proposed in the
present case is Rs 6852 per annum and

NOTE—Contn sheet

H. L. 1458

1 VII

29/5

81 - Bv II

G P S 12]

General and Revenue
Secretariat

Gen. File No 194 of 1912

Serial
No

14 The proposal which are both
thought out & planned may
be sanctioned en bloc. Please
draw up a final note & draft
circulate as Council matter

31/5/14



15 Please put up draft order & final note

CSX
17/6/14
SR

Draft order and note Subd

11 6 14

sent 2 A)

S/M 1/14

16

Draft & final note sub. for approval

14 2

CSX
17/6/14
SR

17

Typed Final Note approved by 1st Member
MR 19 6 14

18 Circulate

19

I approve 20/6/14
CSX
SR

22/6

C PB-60 000-7 11 13

NOTE—Contn sheet

Due to the report
on 16/6/14 relative to
see 8/6/14 to Mr IV
Secretary for
the (C) was sent to
the (C) made in
the (C) 10/6-15
SP

General and Revenue
Secretariat

File No 194

of 1913

Serial
No

20 approved
W. H. H.
25 6 14

10269
26 6 14

21 Dewan)

CSB
25 6 14
W. H. H.

Submitted to His Highness

Flag I

22 I submit herewith a Final Note by the First Member regarding additional charges for the Mechanical Engineering School, Bangalore, for 1914-15. The additional charges provide training some members for Railway and Telegraph work also.

23 2 The recommendations of the First Member may be graciously sanctioned.

At Y. 27102244 -

27^E June 1914 -

Final Note by the First Member of Council

Subject — Additional charges for the Mechanical Engineering School for 1914-15

24 These papers relate to the proposals from the Inspector General of Education for additional charges in connection with the Mechanical Engineering School Bangalore involving an extra cost of Rs 57852/- (of which Rs 51000/- is non-recurring)

2. The opening of the school was sanctioned in Government Order No 8834-40/Edn 462-09-24 dated 1st May 1913. It is now proposed to open three new classes in the said school viz - (1) Industrial Teachers' Class (2) a Railway Class and (3) a Telegraphic Signallers' Class. The extension of the work shop building for the purpose of Science and Engineering Laboratories and its equipment (costing in all Rs 50000/-) are considered necessary and a revision of establishment of the school involving a small increase of Rs 552/- per annum is also proposed by the Inspector General of Education.

The Financial Secretary is of opinion that such parts of the grants asked for as are considered necessary by Government may be provided for.

7 The institution has been serving a useful purpose and the opening of the additional classes is very necessary. The proposals of the Inspector General of Education are well thought out and planned and I am of opinion that they may be sanctioned en bloc.

19/6/14

H. M. Srinivasan

Record of Cases submitted for the Orders
of His Highness the Maharaja

27³⁴
Camp Mysore
8 27th June 1914

1142

Subject

28

Final Note by the First Member re-
garding additional charges for the 'echa-
nical Engineering School Bangalore,
for 1914-15

Order

29

KRUR

30/6/14

30 June 1914

1.7.14

31 Issue

CSX
11/7/14
Am

Edu ^{Fi} No194of 191 3-14Serial
No

17

Notice 24 of Edu, Comptroller, Secy P W,
 chf Engr Secy for Rps + Secy to Comptroller
 50 53 27 14

Sanctions the opening of an
 Industrial Teachers' class, a Railway class
 and a Telegraphic Signallers' class in
 the Mech Engr School, and the revision
 of the Estt + the extension & equipment
 of the workshop building of the school with
 an observation

Edn 817

OFFICE OF INSPECTOR GENERAL OF EDUCATION IN MYSORE

Edn 194-13
Serial 6

12897
No 604

D-5831

Bangalore 21st March 1914

From Rao Bahadur
M SHAMA RAO Esq MA
Inspector General of Education in Mysore

To
C S Balasundaram I er Esq
Secretary to the Government of
His Highness the Maharaja of Mysore
B a n g a l o r e

SIR

I have the honour to submit herewith the following proposals for additional charges in connection with the budget estimates of the Mechanical Engineering School Bangalore for the official year 1914-15. The proposals were all formally discussed and passed at a meeting of the Managing Committee held on the 3rd March last.

I RECURRING CHARGES

(1) Teaching Staff including Establishment

Teaching Staff -

The opening of two new classes viz the Industrial Teachers' Class and the Railway Class for the training of permanent and Inspectors and Drivers necessitates the entertainment of two additional teachers - one a Mathematical and a second a Technical Assistant at Rs 50 and Rs 75 respectively. It is also proposed to open a Telegraph Signaller's class which is to be held for about 3 or 4 months ^{in the year}. It will be necessary to secure the services of a man who has served either in the Telegraphic Department or as ^{an} Inspecting Signaller on railways to take charge of the class. It will probably be necessary

to pay about Rs 60 to an Instructor. The fittings required are dummy horse instruments which could be made in the P / Workshop. For the present a provision of Rs 1000/- for instructors and another sum of Rs 1000 for instruments may be sanctioned. The pay to be given to the teachers will depend upon their status and the period of employment. The total increase under teaching staff thus amounts to Rs 2500/- a year.

Establishment -

Small increases are proposed for the clerk and the peons on account of the costliness of living in Bangalore and the heavy work they have to do attending as they have to do both morning as well as evening. The pay of the clerk and store-keeper may be raised from Rs 25 to Rs 30. The employment of a separate man to be in charge of tools is also necessary. His pay may be fixed at Rs 12 a month. There are at present 5 menials employed in the school viz two peons, two watchmen and one sweeper all getting Rs 7 each. The Committee propose to raise the pay for the present by half a rupee each. I think however that the pay of the Head Peon may be fixed at Rs 9 and of the Second Peon at Rs 8 a month, the other three continuing to get the same pay of Rs 7. The need for employing one additional peon on Rs 7 and two coolies on Rs 7 each is also felt, which may also be sanctioned. The present contingent allowance of Rs 20 a month is found insufficient. It may be raised to Rs 25 a month.

The total increase under establishment thus comes up to Rs 46 a month or Rs 552 a year.

(3) Workshop expenses including materials required -

The provision made in the current year's budget on

account of this item is Rs 300 a month or Rs 3 600/- a year. It is reported that on an average a sum of Rs 225 is being spent on this item every month. But next year the number of students will increase on account of the formation of the new classes. Besides, a sum of about P 52/- a month has to be paid as rent on machiner borrowed from the General Stores and a further sum of Rs 24/- has to be paid monthly to the Electrical Department for the supply of power. For all these reasons, the provision for work-shop materials is proposed to be increased from Rs 300 to Rs 600 a month or Rs 7200 a year.

(4) Travelling Allowance -

There is no provision at present for the travelling allowance of the members of the staff. During the current year it was met from the provision of Rs 760 made for the Industrial and Craft Section of the Camarajendra Technical Institute Mysore. A separate provision of Rs 200 is thought necessary for the Mechanical Engineering School Bangalore.

The total increase for recurring charges under the heads already named amounts to P 6852/- a year as shown below -

1 Teaching Staff	Rs 2 500
2 Establishment	Rs 552
3 Workshop Expenses	Rs 3 600
4 Travelling Allowance	Rs 200

Total	Rs 6 852 a year

A statement showing the present and proposed scales is appended -

4

<u>Items</u>		<u>Present</u>	<u>Proposed</u>
		Rs	Rs
<u>Teaching Staff -</u>			
1	Superintendent	350	350
2	Shop Instructor	100	100
3	Drawing Master or Technical Assistant	75	75
4	Class-Room Teacher or General Assistant	75	75
5	Mathematical Assistant	--	50
6	Technical Instructor for Training Industrial School Teachers	--	75
7	Signaller's Class	--	83 1/3 (approximate)
8	Liaison Officer 50 40 and 35	125	125
9	Motor Mechanic	40	40 (vide G.O. No. 3024-7/19-13-13 dated 28th August 1913)
10	Foundry Instructor	30	30 do.
<u>2 Establishment -</u>			
1	Clerk & Store-keeper	25	30
2	Tool-keeper	--	12
3	Penials 5 on Rs 7	35	59 1 on Rs 9 1 8 6 "
4	Contingencies	20	25
3	<u>Workshop expenses</u>	300	600
4	<u>Allowance of lectures</u>	150	150
5	<u>Scholarships</u>	320	320
Total		~~Rs 19,740 a month~~ Rs 19,740 a year	~~Rs 26,392 a month~~ Rs 26,392 a year
6	<u>Travelling Allowance</u>	--	200
Total		Rs 19,740 a year	Rs 26,592 a year
Net Increase			Rs 8,852 a year

II NON-RECURRING CHARGES

6

(a) The works on of the school is to be suitably extended by the addition of two rooms - one for Science Laboratory and one for Engineering Laboratory. A big Hall for the Drawing classes to accommodate at least 50 students has also ^{to} be constructed. All the above rooms have to be equipped with tools apparatus and the necessary furniture. Some of the second hand machinery have to be suitably supplemented with new is for efficient working. A new motor car has to be bought and the old car has to be paid for. An emergency cupola, a slotting machine and a grinder have to be provided for the use of the school. The approximate cost of the extension of the building and the equipment amounts to Rs 50 000 as per details given in the enclosed statement. A sum of Rs 25 000 for equipment may be sanctioned the remaining amount of Rs 25 000 for the extension of the building being provided in the D P W Budget.

The charges for the purchase of instruments for the Signaller's Class amount to Rs 1 000 as already stated.

I request that Government may be pleased to sanction extra recurring charges amounting to Rs 6 852 and non-recurring charges amounting to Rs ~~26~~ 26 000 and order their inclusion in the next year's Educational Budget. The remaining sum of Rs 25 000 for building, being provided in the D P W Budget. The Mechanical Engineering School is doing good and useful work and the additional charges proposed are necessary for the efficient working of the school.

A copy of the Resolutions of the Committee is herewith submitted for favour of perusal. *A copy of her Resol. & a letter d/14.3.14 regarding the opening of a Telegraphic School is also enclosed.*

I have the honour to be
Sir

Your most obedient servant

He Shanmukha Rao

Inspector General

Minutes of the 6th meeting of the Managing Committee
of the Mechanical Engineering School Bangalore held at (6)
3 P.M. on Tuesday, the 3rd March 1914 in the Office of the
Superintendent Mechanical Engineering School Bangalore

- - - - -

- I Present - 1 M. Sharma Rao Esq (President)
2 D A S Bell Esq
3 C F Beames Esq
4 V Rangaswami Iyengar Esq
5 Sreenivasa Iyengar Esq
6 H G Rangiah Esq
7 S V Setti Esq (Secretary)

Absent - 1 Ramachandra Rao Sindhia Esq

II Minutes of the previous meeting were read and confirmed

III (a) Proposed by Mr V Rangaswami Iyengar that portions of the report under present inconvenience &c 'be omitted and following items viz Building Construction' Equipment and 'Concluding remarks be suitably inserted at the end. The omitted portions to be sent as separate proposals

This was seconded by the President and approved by the Members

(b) Proposed by Mr V Rangaswami Iyengar that the Examination be as far as possible Oral and the students to be examined by the examiners appointed by the Committee

This was seconded by the Secretary and approved by the Members of the Committee

(c) Proposed by the President that the appointment of out-side lecturers for next year be postponed for the

8

present

This was seconded by Mr. C. Pangian and was unanimously carried out

(d) Regarding Mr. Chatterton's remarks on the school syllabus, the President proposed to give effect to his proposals in Chamara Chandra Technical Institute at Mysore and the same will be intimated

This was seconded by Mr. Sreenivasa Inggar and was unanimously carried out

(e) The President proposed that a suitable class of 10 students with higher qualifications than at present required for admission to the Mechanical Engineering School with a teacher be started early next official year for training Industrial School Teachers

This was seconded by the Secretary and approved by the members

(f) Mr. E. A. S. Bell proposed that in connection with Railway Engineering Class, two sections one for 'Drivers' and the other for Permanent Way Inspectors be started next School-year. The qualifications and training for 'Driver Students' will be same as those for Students joining 'Steam and Oil Engine or Machinery and Mill work' section and in connection with Permanent Way Inspectors' successful students of the Sub-Overseer class may be given a year's practical training in the School

This was seconded by the President and approved by the members

(g) Budget allotment for next year will be as per remarks noted in the Secretary's report. Proposed by the President and seconded by Mr. C. Pangian which was unanimously

unanimously carried out

3
be found

8

(Sd) S V Setti

Superintendent & Secretary

C o p y

Usha Rao

Inspector General

ORIGINAL EQUIPMENT

original

Non-recurring Expenditure

1	<u>Buildings -</u>	<u>Size of rooms</u>	<u>Cost</u>
	(a) Physics & Chemistry Laboratory	20 x 30')	Rs 25 000
	(b) Engineering	20 x 30')	
	(c) Drawing Hall	30 x 50)	
	(d) Work-shop Extension	20 x 250')	
2	<u>Equipment -</u>		
	(a) Motor Cars		5 000
	(b) Machinery	Rs 1200	
	Slotting machine	Rs 1200	
	Grinder	Rs 100	
	Wood-turning lathe	Rs 200	
	Carola	Rs 1300	4 000
	(c) Students Tools		1 800
	(d) Science Laboratory		4 000
	(e) Engineering		6 000
	(f) Furniture		1 700
	(g) Drawing Materials		500
	(h) Library, Books, Technical Papers &c		1 000
	(i) Tailwa, Class		1 000
		Total	Rs 50 000

De Shaucahar,

Inspector General of Education

12/26/71

D O letter 571 dated 14th March 1911 from Mr E A S Bell
the Inspector General of Railways on in ...

In connection with Railways work in this State we shall also
require a fairly large number of signallers who will in course of
time develop into Station Masters. Of these the best ...
forward to considerable proportion to costs like Traffic Inspector
Roads Supervisor etc. I think we ought to at once start a class
for training signallers who might at the same time be taught the
ordinary open line rules.

This matter of course has no connection with the Mechanical
Engineering School but I believe you have in addition an Industri-
al School and if you could see your way to open a class for sig-
nallers at the earliest possible date it will be of great assist-
ance to me and open out another line of employment for Loco cars on
railways work. They would probably start on Rs 15 to Rs 20
three months course will I think be sufficient for the more in-
telligent but some of them may have to stay in the school for a
longer time. They will of course before being employed have to
pass a test.

It will be necessary to get some one who has served either in
the Telegraph Department or as Inspector or Signaller on Railways to
take charge of the class. It will probably be necessary to pay

Ex 516 11

GO to an Instructor I believe there are many qualified telegraph
masters in Langlois and I think it likely that one of them might
be glad to take on the job

The only fittings required are Turn of Horse Instruments which
could be made in the P / D Workshops

C o p y

De Shaverhaas,

Inspector General

117

confg in 7195

978-14-22

89714

File No 194 13

Serial No 17

Diary No of letter replied to 5831

GENERAL AND REVENUE
SECRETARIAT
(Edu)

Proceedings of the Government of His Highness
the Maharaja of Mysore

READ—

the

191

ate of issue 27 14

Signed by Mra V Ramanathan

of a no 8834-40 dated 15/7/43
Edu 462 ag-24
approving of a general Scheme for
the improvement of Industrial and

Technical Education in the state
and vaccination among a thes
ORDER THEREON No
the opening of a Mechanical
Engineering School at Bangalore

2) Letter No 12897 dated
664
21 3 1914 from the J G of Edu in
Mysore submitting proposals
the opening of three additional
over

SUBJECT

classes in the Mechanical Engi-
neering school Bangalore

12/11/17

(viz, an Industrial Teachers class,
a Railway class and a Telegraphic
Signaller's class) and also for
~~the~~ revision of ~~existing~~ ^{the} establish-
ments and the extension and equip-
ment of the workshop building,
involving in all additional cost
of Rs 57852/- (of which the sum
of Rs 51000/- is non-recurring) and
requesting sanction to the inclu-
sion of the amount in the budget
for 1914-15 (Rs 32852 in the Edu-
cation budget and Rs 25000/- in the
D & W Budget)

[Note: The D. G.'s letter and
its enclosures to be printed in
extenso as annexures to the
order.]

Order No. 50-52M/194-13- 32714

The proposals of the
D. G. of Education read above
are sanctioned, with the observation
(2) A provision of Rs 32852/-
as per details given below will
be

that the additional
establishments to be
entered may be
on a temporary footing
until the need for permanent
retention is fully
established.

G R S 27]

GENERAL AND REVENUE
SECRETARIAT

(Continuation sheet draft form)

14
be included in the State
Demand Education Budget and
a sum of Rs 25000 on account
of the ^{extension of the} work shop building
will be provided in the
D O W budget for the year
1914-15

Recurring

Teaching Staff

- 1) Two new teachers @ Rs 50 and 75 p m } @ 125 p m }
for the Industrial Teachers class } or 1500 }
and Rail way class } per year }
2) Four Telegraphic Instructions } 1000 per }
Lump sum } year } per year }

Establishment

Total Rs 2500

Rs 552

Work Shop Expenses

Rs 3600

Travelling allowance

200

Total Recurring

Rs 6852

Non recurring

Equipment of the work shop building Rs 25000/-

Extension do do Rs 25000/-

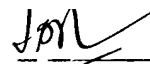
Purchase of instruments for the } Rs 1000/
Signaller's class }

Total non recurring Rs 51,000/-



66
27 6 14

GPB-12 000-15-2-13



17/6
Secretary to Govt.
Education Deptt.

To The Dy. Secy Education
a Co-ordinator (through 10 II)
a Secy to Govt. Public Works Deptt.
a Chief Engineer
a Secy to Govt. Railways
Secy Revenue Compt.